

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

PROPOSED

Title V, Construction / Operating

Permit: V-05-017 R1

Texas Gas Transmission LLC - Midland III Compressor Station

Bremen, KY 42325

January 22, 2008

Andrew True, Reviewer

SOURCE ID: 21-177-00066

AGENCY INTEREST: 44340

ACTIVITY: APE20070001

SOURCE DESCRIPTION:

Texas Gas Transmission, LLC Midland 3 Compression Station is the owner and the operator of the plant, which is a major source for emissions of nitrogen oxide (NO_x) and carbon monoxide (CO), and is a minor source for emissions of volatile organic compounds (VOC), particulate matter (PM), sulfur dioxides (SO₂), and hazardous air pollutants (HAPs).

This plant produces liquid hydrocarbons from natural gas pipes entering the plant. Natural gas is currently compressed through the two compressors of 2050 hp each, the third compressor of 2610 hp, and additionally through two Turbine Compressors of 61.21 million British thermal units per hour (mmBtu/hr) each. On June 15, 2007, the source applied to the Division for a revision to the Title V Permit V-05-017. Permit V-05-017 R1 will allow Texas Gas Transmission, LLC Midland 3 Compression Station to construct and operate one additional Turbine Compressor (TB03), replacing two natural gas compression engines (RC01 and RC02).

PUBLIC AND AFFECTED STATE REVIEW:

The Affected state (Tennessee) was notified of the issuance of the draft permit on December 12, 2007 via e-mail. On December 19, 2007, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *Central City Leader News* in Central City, Kentucky. The public comment period expired 30 days from the date of publication.

No comments were received during this period. The final determination of this Division is that the proposed operation will comply with all air quality regulations and requirements. The permit is now being issued as proposed. A final permit will be issued after the U.S. EPA's 45-day review.